CLAIMS:

 An iris control apparatus of a television camera comprising;

a solid state image pickup device for outputting on a time division basis a long-time exposure video signal obtained from light beams exposing an object for a long time and a short-time exposure video signal obtained from said light beams exposing said object for a short time:

a division unit for dividing an image screen displayed by said long-time exposure video signal into a plurality of predetermined areas;

a detection unit for detecting a first and a second area, each of which has a different luminance level of said long-time exposure video signal;

a weighting unit for applying different weighting to said long-time exposure video signals of said first and second areas, respectively; and

a control unit for controlling an iris of a lens, through which said light beams are applied to said solid state image pickup device, in response to said weighted long-time exposure video signal.

- An iris control apparatus according to claim
   , wherein said first area is an area in which a mean
   luminance level of said long-time exposure video signal
   becomes minimal.
- An iris control apparatus according to claim
- 1, wherein said weighting unit applies weighting so

that the video signal level of said long-time exposure video signal of said second area is decreased.

- 4. An iris control apparatus according to claim
- 1, wherein said weighting unit applies predetermined weighting so that a decrement ratio of a level of said long-time exposure video signal of said first area becomes greater than that of said long-time exposure video signal of said second area.
- 5. An iris control apparatus according to claim
  1, wherein said control unit applies said weighted
  long-time exposure video signal to said lens in
  synchronism with the video signal from said solid state
  image pickup device.
- A television camera comprising:
  - a lens unit having an iris;
- a solid state image pickup device, to which light beams from an object are applied through said lens, for outputting on a time division basis a long-time exposure video signal obtained from said light beams exposing said object for a long time and a short-time exposure video signal obtained from said light beams exposing said object for a short time;
- a division unit for dividing an image screen displayed by said long-time exposure video signal into a plurality of predetermined areas;
- a detection unit for detecting a first and a second area, each of which has a different luminance level of said long-time exposure video signal;

a weighting unit for applying different weighting to said long-time exposure video signals of said first and second areas, respectively;

a synthesis unit for synthesizing said longtime exposure video signal and said short-time exposure video signal; and

a control unit for controlling said iris of said lens in response to said weighted long-time exposure video signal.

- 7. A television camera according to claim 6, wherein said weighting unit applies weighting so that the video signal level of said long-time exposure video signal of said second area is decreased.
- 8. A television camera according to claim 6, wherein said synthesis unit selects said long-time exposure video signal for said first area and said short-time exposure video signal for said second area, and synthesizes said long-time and short-time exposure video signals.
- 9. An iris control method of a television camera comprising the steps of;
- a) outputting on a time division basis a longtime exposure video signal obtained from light beams exposing an object for a long time and a short-time exposure video signal obtained from light beams exposing said object for a short time;
- dividing an image screen displayed by said long-time exposure video signal into a plurality of

predetermined areas:

- detecting a first and a second area each of which has a different luminance level of said long-time exposure video signal;
- applying different weighting to said longtime exposure video signals of said first and second areas, respectively; and
- e) controlling an iris of a lens, through which said light beams are applied to said solid state image pickup device, in response to said weighted long-time exposure video signal.
- 10. An iris control method according to claim 9, wherein said first area is an area in which the luminance level of said long-time exposure video signal becomes minimal.
- 11. An iris control method according to claim 9, wherein said step d) applies weighting so that the video signal level of said long-time exposure video signal of said second area is decreased.
- 12. An iris control method according to claim 9, wherein said step d) applies predetermined weighting so that a decrement ratio of a level of said long-time exposure video signal of said first area becomes greater than that of said long-time exposure video signal of said second area.
- 13. An iris control method according to claim 9, wherein said step e) applies said weighted long-time exposure video signal to said lens in synchronism with

the video signal from said solid state image pickup device.